

6

Science Standard
6.5.c.



California Education and the Environment Initiative

D R A F T
for discussion purposes only



© Kip Evans Photography

Energy - Pass It On!

California's Environmental Principles



The State of California's Environmental Principles and Concepts were approved in 2004 under a law referred to as the California Education and the Environment Initiative (EEI).

The law called for the development of Environmental Principles and Concepts that are compatible with the State's academic content standards and, as such, would become a formal part of California's K-12 education system. The EEI Curriculum, which this unit is part of, is designed to help students simultaneously achieve mastery of selected academic content standards and California's Environmental Principles and Concepts.

Principle I

People Depend on Natural Systems

The continuation and health of individual human lives
and of human communities and societies
depend on the health of the natural systems that provide essential goods
and ecosystem services.

Principle II

People Influence Natural Systems

The long-term functioning and health of terrestrial, freshwater, coastal and marine ecosystems
are influenced by their relationships with human societies.

Principle III

Natural Systems Change in Ways that People Benefit from and can Influence

Natural systems proceed through cycles
that humans depend upon, benefit from and can alter.

Principle IV

There are no Permanent or Impermeable Boundaries that Prevent Matter from Flowing between Systems

The exchange of matter between natural systems and human societies
affects the long-term functioning of both.

Principle V

Decisions Affecting Resources and Natural Systems are Complex and Involve Many Factors

Decisions affecting resources and natural systems
are based on a wide range of considerations
and decision-making processes.

DRAFT

for discussion purposes only

California Education and the Environment Initiative

ACKNOWLEDGEMENTS

The EEI Curriculum was developed as a cooperative endeavor of the following agencies:

**California Environmental Protection Agency
California Integrated Waste Management Board
California Department of Education
California State Board of Education
Office of the Secretary of Education
California Resources Agency**

Project Managers for the Education and the Environment Initiative were:

Andrea Lewis, Assistant Secretary
Cal/EPA

Mindy Fox, Director
Office of Education and the Environment
California Integrated Waste Management Board

Funding for the development of this curriculum was provided through the generous support of the California Integrated Waste Management Board.

**Additional funding has been provided by:
California Energy Commission and the State Water Resources Control Board.**

CONTRIBUTORS

Author: **Michael Roa**
California Connections Author: **Lori Mann**
Principal Consultant: **Dr. Gerald A. Lieberman, Director, State Education and Environment Roundtable**
Managing Editor: **Jennifer Rigby, Director, The Acorn Group**
Instructional Editors: **Grace Lieberman and Jayne Henn**
Copy Editors: **Lori Mann and Laurel Singleton**
Photo Editors: **Roni Java, Kip Evans and Aleta Zak**
Graphic Design: **Karol A. Keane**

Office of Education and the Environment

1001 I Street, 13th Floor
Sacramento, California 95812
(916) 341-6769

<http://www.calepa.ca.gov/Education/EEI/>

© Copyright 2007

By the California Integrated Waste Management Board (CIWMB)

All rights reserved. This publication, or parts thereof, may not be used or reproduced without permission from the CIWMB.
These materials may be reproduced by teachers for educational purposes.



California Education and the Environment Initiative